



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**  
**Honeywell Ref. No. H0004494**  
(MBHB Case No. 02-1026-A)

In re Application of:	)	
	)	
Mats A. Brenner	)	
	)	
Serial No.: 10/667,628	)	Group Art Unit: 3662
	)	
Filed: September 22, 2003	)	Examiner: TBA
	)	
For: Low Power Detection and	)	
Compensation for Satellite Systems	)	

**RESPONSE TO THE OFFICE ACTION MAILED JUNE 30, 2004**

**I. Summary of the Office Action.**

Claims 1-22 are pending in the application.

The Examiner has rejected claims 1-22 as being anticipated under 35 U.S.C. § 102(b) by Comp & Axelrad, "Adaptive SNR-Based Carrier Phase Multipath Mitigation Technique," ("the Comp article") and by Ray et al., "GPS Code and Carrier Multipath Mitigation Using a Multiantenna System," ("the Ray article"). Other than citations to the Comp and Ray articles, the two rejections are identical.

The Examiner further required correction of informalities in the drawings.

**II. Response to the Office Action**

The applicant hereby responds to the Office Action mailed June 30, 2004.

Substitute drawings responsive to the "Notice of Draftperson's Patent Drawing Review" are enclosed herewith.

The Examiner's prior art rejections are addressed as follows:

**A. Claim 1**

The Examiner contends, among other things, that the Comp and Ray articles each disclose